



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 09/844,947  
Applicant : Bradford G. Ackerman et al.  
Filed : April 27, 2001  
Art Unit : 1731  
Examiner : Peter Chin  
Title : Method for Producing Titania-Doped Fused  
Silica Glass

Confirmation No. 1336

Docket No. : SP01-095  
Customer No. : 22928

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO OFFICE ACTION UNDER 37 CFR §1.111**

Honorable Sir:

In response to the Office Action dated September 15, 2003, kindly amend the above-identified as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 7 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 8 of this paper.

An **Appendix** including amended drawing figures is attached following page 10 of this paper.

**Amendments to the Drawings:**

The attached sheet of drawings includes changes to Figure 1. This sheet, which includes Figure 1, replaces the original sheet including Figure 1. In Figure 1, previously omitted reference number 2 has been added.

Attachment: Replacement Sheet  
Annotated Sheet Showing Changes